



FLIPPED CLASSROOM AND STUDENTS' ACADEMIC ACHIEVEMENT

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ABSTRACT

A person's instinct is alive from birth, he wants to find out both its cause and use by looking at every new thing and becomes a different view of himself and slowly gets the right information from his experiences. Education is the biggest contribution in this, although experience is gained without education, but we need education to have a right and healthy attitude. Education makes a person able to lead a right life, to face the struggles of life and to find the right solution to the problems, all of this we learn through education, in the modern era, there are many changes in education as needed. Educational achievement means that how many goals and objectives related to education have been achieved in the whole curriculum. Is discussed because it is unlike the traditional classroom where the student will receive education in a deaf environment but the student's activities room is provided. Changes in education must have an impact on student achievement. The changes in education are as follows:

Traditional → Learning Blended → Learning Flip Learning

Blended learning which is prevalent in education today, blended learning has been found to have a positive effect on the education achievement of students, while now the practice of flip learning has also been started which is already applicable in other countries. In contrast, blended learning is a mixed form of traditional learning and flip learning. Flip learning has been shown to have a more positive effect on education achievement than other learning.

KEY WORDS: Flip Classroom, Educational Achievement, Traditional Classroom and Blended Learning.

INTRODUCTION:

The effectiveness of teaching methods under educational achievement also shows how competent the teaching method and teaching process has been and how much improvement is required in them, we can also give correct guidance to students by finding out the teaching achievement. In the last few years, it was found that students did not take much interest in some subjects like social sciences, due to which they did not understand the topics related to history, but as audio video aids were used, this topic of students Achievement increased. According to John Dewey, students are more interested in "learning by doing" because students have a desire to learn something new which they learn in their own way. It is a very interesting way that students get all these opportunities in Flip Classroom.

Traditional classroom features are as follows:

- *The teacher prepares materials to be delivered in the classroom:* In this, the teacher prepares the material like notes, etc. before reading the new chapter and teaches the subject to the students in the class as well as assessment questions are asked and finally after the chapter is over, the teacher will help the students with the content They give related home work which the student does at home.
- *Students listen to lectures and other guided instructions in the class and take notes:* Students listen carefully to the information related to the content given by the teacher in the class and the teachers take the teaching material such as notes etc. given by the teacher for self-study.
- *Homework is assigned to demonstrate understanding:* In order to check how much the subject has understood in the classroom and not so much, the students are given homework, exercises, projects, etc. to the students related to the theme, which the student goes out of the classroom and the homework done by the students, its content In information and achievement is made, this is the main objective of homework

We read discuss the traditional classroom above because it is difficult to understand flip learning without its knowledge, this learning is named flip learning because it is completely opposite to traditional learning.

Blended Learning: Blended learning is teaching using classroom communication technology along with the traditional classroom. In this, the teacher teaches the subject matter in the classroom through online audio video.

Blended Learning features are as follow:

Different styles of learning: It is a way of learning in which the teacher is teaching the students along with the traditional teaching like the students are taught in the classroom itself but the teacher can show the necessary video of the content to the students with the help of information technology there. Today, most of the interactive boards are used in schools, in which the teacher can show online dem-

onstration videos to the students as well as use the board to write in it.

Flip classroom features are as follows:

Flip means:
 F: Flexible
 L: Learning
 I: International Content
 P: Professional Educators

- **Flexible:** Flexibility is found in this learning, that is, there is no time pressure on the students that they have to read the content at a specific time. Students can get the information of the outside of the classroom at any time according to their own.
- **Learning:** Its main purpose is student learning, students have to learn about the content but there is no time constraint but they should learn the content.
- **International Content:** In order to impart knowledge to the students in the international content, videos are given in the subject etc. and students can also get information related to them and different countries.
- **Professional Educator:** who are well trained who can use technology and motivate students.

Process of Flip learning:

- **Concept Exploration:** In Flip Classroom, students have to read audio-video, websites etc. given by the teacher outside the class, the information related to the content comes before the student comes in the classroom and in the teacher's inspection in the classroom and with the help of the teacher the student content Doing related exercises, teachers conduct group work in class to find out the achievement of students.
- **Meaning Making:** Teachers discuss with students in class or online to find out how much students have understood the content. Teachers can also conduct collective educational activities with other students.
- **Demonstration / Application:** In this, the teacher makes the students do content related exercises like problem related learning, role play, experimentation and presentation etc.

Importance of Flip Learning:

- *Less frustration with home work:* In Flip class, there is no pressure of home work on the students because those activities are conducted in the classroom, in which the student learns accordingly.
- *Student can ask questions and they get immediate target answers:* When the students work in class and they have to ask any problem or question related to

the subject matter, then the student can take help from the teacher immediately.

- *Exploring subject in deeper manner:* The student can study the content carefully and more than once at home, for this, the student can take help of other website with the help of reference list given by the teacher.
- *Catch up with their peers faster and easier with the flipped classroom:* When students work with other classmates, they are able to understand each other quickly and easily.
- The teacher has the freedom to give the student how much time to give them, as if some students understand quickly, they take less help from the teacher, but some students feel a little difficulty, then they get more time and it is beneficial for all students.
- *Teachers can support students in better understanding the concepts through practical application:* When the student theoretically understands the information related to the content given by the teacher and then when it is made practical in the classroom, the teacher can easily evaluate the students.
- *Once a lecture is done, it can be reused as many times the teacher wants:* The teacher who prepares the content once can use the same video, notes again for that subject which also saves time for the teacher and the teacher can work for new subjects at that time.
- *It offers more transparency for parents:* In online flip class, teachers also make parents aware of the performance of the student. You can view the content given by the parent teacher at any time.

• *Opportunities for learning anytime and anywhere:* In this, the students get the whole opportunity that the student can study anytime and anywhere, today mobile is in every student's home, so they do not have any difficulty in reading the content found in soft copy, rather they take advantage of technology. Students can study at will, anywhere at home or outside of home.

- *Effective Teachers:* Flip learning requires such teachers who can give correct instruction to the students and can overcome the problem of the students. Help them in the difficulty that students are feeling. It is important for the teacher to be fully aware of the information communication technology so that it can be used properly by the students.

Flip Classroom and Student's Achievement:

The impact of teaching is clearly visible on students' achievement. A few years ago, when traditional teaching was done only, the achievement score of the students was found to be very useful. There were a very small number of students who used to get 70% marks in higher classes, but as the classroom teaching changed, it was found that students' achievement has also increased. Therefore, teaching also has an impact on students' achievement. Some of its key points are as follows.

- *Increasing student interest through audio-video:* As students got an opportunity to understand the content by watching audio videos outside the classroom, the interest of the students has steadily increased and subjects like history have scored more than 90 marks.
- *Results of 10th class and 12th class from last many years:* If we look at the results of the last six-seven years, there has been a steady increase in the number of passed students because the effect of teaching is on the achievement, in countries where there is only flip learning, it has been seen that the number of failed students is more or less equal. This is because of successful learning.
- *Increase in purchase of mobile apps related to teaching learning:* Increase in purchase of mobile apps related to teaching learning. Today, every day, new mobile apps which are related to education, students take interest in them, rather the parents of the children are giving such apps to their children. Like an app has been launched learning app recently BYJU'S the learning app.

Features of Learning App:

Engaging video lessons by India's best teachers, enabling conceptual clarity, Adaptive testing modules for personalized learning, Chapter-wise tests with detailed feedback and analysis, A mobile application for anytime, anywhere learning and Adaptive learning personalized to every student's learning needs.

CONCLUSION:

In conclusion, we can say that the more effective the teaching learning, the greater the increase in students' achievement. Achievement means how many goals and objectives the students have achieved in the goals and objectives set in the curriculum of the students, which we call academic achievement. In traditional teaching, teachers mostly taught by lecture method. But there has been a change in teaching over time as well as teaching methods. In blended learning,

the teacher also used information communication technology in the classroom and found improvement in students' learning. If you talk about the flip classroom which is contrary to the traditional teaching, the students study outside the classroom according to their own and the teacher in the class conducts activities related to the content given to the students so that the students' understanding can be examined. The flip classroom is not yet fully practiced in all schools, but the positive effects that have been seen in it will be prevalent everywhere recently, but there are many areas in India which are rural, so these areas before the flip classroom It requires teaching and training of information communication technology to the student and the teacher. It is essential for modern and successful education.

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